

(Label main area front panel)



SEDUCE MAPP 16261

A water soluble granule formulation containing 333g/kg thifensulfuron methyl and 167 g/kg tribenuron-methyl for spring weed control in wheat and barley.

SAFETY PRECAUTIONS

Operator protection

When using do not eat, drink or smoke

Environmental Protection



Do not contaminate water with the product or its container. Do not clean application equipment near surface water. Avoid contamination via drains from farmyards and roads. Extreme care must be taken to avoid spray drift on to non-crop plants outside of the target area.

To protect aquatic organisms respect an unsprayed buffer zone to surface water bodies in line with LERAP requirements.

DO NOT ALLOW DIRECT SPRAY from horizontal boom sprayers to fall within 5m of the top of the bank of a static or flowing water body, unless a Local Environment Risk Assessment for Pesticides (LERAP) permits a narrower buffer zone, or within 1m of the top of a ditch which is dry at the time of application. Aim spray away from water.

This product qualifies for inclusion within the Local Environment Risk Assessment for Pesticides (LERAP) scheme. Before each spraying operation from a horizontal boom sprayer, either a LERAP must be carried out in accordance with HSE's published guidance or the statutory buffer zone must be maintained. The results of the LERAP must be recorded and kept available for three years.

Storage and Disposal

Keep out of reach of children

Do not re-use container for any purpose and dispose of safely

Keep away from food, drink and animal feeding stuffs

Approval holder
Du Pont (UK) Limited, Crop Protection Products
Wedgwood Way, Stevenage,
Herts. SG1 4QN
Tel: 01438 734450 or enquiry.agproducts@gbr.dupont.com
Emergency Tel: 08456 006640
National Poisons Service Tel: 111 (England and Wales), 08454 24 24 24 (Scotland)

Marketing Company
Certis, Suite 5, 1 Riverside, Granta Park, Great Abington, Cambridgeshire, CB21 6AD
Tel: 0044 (0)845 373 0305 Fax: 0044 (0)1223 891210

Contents: XXX grams
Manufactured in the E.U.



This label is compliant with the CPA Voluntary Initiative Guidance

Risk and Safety Information

Seduce

Contains tribenuron methyl: May produce an allergic reaction

WARNING



Very toxic to aquatic life with long lasting effects.

Collect spillage.

Dispose of container to an approved recycling plant.

Do not contaminate water with the product or its container (Do not clean application equipment near surface water/Avoid contamination via drains from farmyards and roads).

To avoid risks to human health and the environment, comply with the instructions for use

IMPORTANT INFORMATION

FOR USE ONLY AS AN AGRICULTURAL HERBICIDE

Maximum individual dose: 60 g product/ha

Maximum number of treatments: 1 per crop

Crops: wheat, barley

Latest time of application: Before flag leaf ligule just visible (GS39)

Other Specific restrictions: This product must not be applied before the end of February in the year of harvest until the specified latest time of application

READ THE LABEL BEFORE USE. USING THIS PRODUCT IN A MANNER THAT IS INCONSISTENT WITH THE LABEL MAY BE AN OFFENCE. FOLLOW THE CODE OF PRACTICE FOR USING PLANT PROTECTION PRODUCTS

DIRECTIONS FOR USE

IMPORTANT: This information is approved as part of the Product Label. All instructions within this section must be read carefully in order to obtain safe and successful use of this product.

Restrictions

- SEDUCE should not be applied to any crop suffering from stress as a result of drought, waterlogging, low temperatures, pest or disease attack, nutrient or lime deficiency or other factors reducing crop growth.
- Do not use SEDUCE on cereal crops undersown with grasses, clover or other legumes or any other broad-leaved crop.
- Due to the high level of activity of the herbicide, special care must be taken to avoid damage by drift onto broad-leaved plants outside the target area, or onto ponds, waterways or ditches. Thorough cleansing of equipment is also very important - see below.
- Contract agents should be consulted before using on crops grown for seed.
- SEDUCE should not be applied within 7 days of rolling the crop.
- Do not apply SEDUCE more than once to any cereal crop.
- All requirements or restrictions on other product labels must be adhered to when applied to the same crop as SEDUCE. Contact your distributor for further information.
- Refer to 'Compatibility' for details on use of SEDUCE with other 'ALS inhibiting' herbicides

Weed control

SEDUCE contains thifensulfuron methyl and tribenuron methyl, sulfonylurea (ALS inhibitor) herbicides which work mainly by contact action and is most effective if applied when the weeds are small and actively growing. Good spray cover of the weeds must be obtained for best results. Susceptible plants cease growth almost immediately after application and symptoms can be seen about two weeks after application. Weed control may be reduced when soil conditions are very dry. Rain within four hours of application may reduce the effectiveness of the product. The susceptibility rating of weeds in the following table refer to good spray cover and good growing conditions.

| Weed Species | 45 g/ha | | | 60 g/ha | | |
|-------------------|------------------------|------------------------|--------------------|------------------------|------------------------|--------------------|
| | Plants up to | | | Plants up to | | |
| | 2 expanded true leaves | 6 expanded true leaves | 15 cm across/ high | 2 expanded true leaves | 6 expanded true leaves | 15 cm across/ high |
| Charlock | S | S | S | S | S | S |
| Chickweed, Common | S | S | S | S | S | S |
| Cleavers | MR | R | R | MS | MS | MR |
| Mayweed | S | S | MS | S | S | S |
| Poppy, Common | S | S | MS | S | S | S |
| Red Dead-nettle | S | MS | MR | S | MS | MS |
| Redshank | S | S | S | S | S | S |
| Shepherd's-purse | S | S | MS | S | S | MS |

S = Susceptible, MS = Moderately Susceptible, MR = Moderately Resistant, R = Resistant

Resistance

This product contains tribenuron-methyl and thifensulfuron-methyl, which are ALS inhibitors, also classified by the Herbicide Resistance Action Committee as 'Group B'.

When herbicides with the same mode of action are used repeatedly over several years in the same field, selection of resistant biotypes can take place. These can propagate and may become dominating. A weed species is considered resistant to a herbicide if it survives a correctly applied treatment at the recommended dose. Development of resistance with a weed species can be avoided or delayed by alternating (or tank mixing) with suitable products having a different mode of action.

A strategy for preventing and managing resistance should be adopted. The Weed Resistance Action Group has produced guidelines and copies are available from the HGCA, CPA, your distributor, crop advisor or product manufacturer.

Crops

SEDUCE can be used on all varieties of winter wheat, spring wheat, winter barley, and spring barley between the growth stages given below.

Dose

Apply SEDUCE at 45 - 60 g product/ha. See Weed Susceptibility Table.

Timing

SEDUCE must be applied in the spring after the end of February from the three-leaf stage (GS 13) up to and including the flag leaf ligule/collar just visible (GS 39).

Following crops

Only cereals, oilseed rape, field beans or grass may be sown in the same calendar year as harvest of a cereal crop treated with SEDUCE. In case of crop failure for any reason, sow only cereals within three months of application of SEDUCE. Before sowing, soil should be ploughed and cultivated to a depth of at least 15-cm.

Volume and application

BEFORE USING SEDUCE, SPRAYING EQUIPMENT MUST BE CLEAN AND FREE FROM CONTAMINATION WITH OTHER PESTICIDES.

Application should be made in 100-200 litres of water per hectare, using suitable ground equipment to give good spray cover of the weeds. Use a conventional field crop sprayer at a pressure of 2-3 bars and apply as a MEDIUM spray (as defined by BCPC). When crops are thick or weed growth is dense, use 400 litres of water per hectare. Care should be taken not to overlap spray swaths.

Mixing

Quarter fill the spray tank with clean water, start the agitation and add the required quantity of SEDUCE directly to the tank without prior creaming. Continue agitation while topping up the tank and while spraying.

Compatibility

To widen the spectrum of activity and improve the control of some weeds, SEDUCE may be applied with other herbicides, provided each product can be applied within the label recommendations for its use. Always add SEDUCE to the spray tank first when using in tank-mix and ensure it is fully dispersed before adding the partner product.

The following 'joint application' with other sulfonylurea and 'ALS inhibiting' herbicides may be applied to a crop. Requirements and restrictions on other product labels must be adhered to. 'Joint application' is the use of SEDUCE in tank mixture or sequence with one of the products listed below.

| | | |
|-------------|-------------|-----------------|
| Absolute | GF-184 | Octavian |
| Atlantis WG | Hatra | Othello |
| Barton WG | Hiker | Pacifica |
| Boxer | Horus | Pursuit* |
| Bullion | Hunter | Starane Gold |
| Eagle* | Lexus Class | Starane Vantage |
| Galaxy | Lexus SX | Starane XL |

* only cereals as following crop

Additional recommendations may be approved since label printing. Please consult your distributor for latest details on compatibilities.

SPRAY TANK CLEAN-OUT

POOR CLEANOUT PRACTICES AND INSUFFICIENT WATER VOLUMES USED FOR THE RINSE PROCEDURE MAY RESULT IN INADEQUATE REMOVAL OF PRODUCT DEPOSITS. SUBSEQUENT USE OF APPLICATION EQUIPMENT IN THESE CIRCUMSTANCES MAY RESULT IN DAMAGE TO NON-CEREAL CROPS.

TO AVOID SUBSEQUENT DAMAGE TO CROPS OTHER THAN CEREALS, IMMEDIATELY AFTER SPRAYING SEDUCE THOROUGHLY CLEAN ALL SPRAY EQUIPMENT, INCLUDING INSIDE AND OUTSIDE OF LID, USING THE FOLLOWING PROCEDURE:

Always start with a clean tank and spray system. Clean spray equipment thoroughly immediately after use.

1. Thoroughly and completely rinse all interior tank surfaces (including lid) with water (use at least 10% of the tank capacity), taking care to remove any visible deposits. Flush pump, filters and boom after removing in-line strainers, nozzle tips and screens (clean these parts separately). Drain the remainder of the rinsate from the tank.
2. Repeat the rinse, flush and drain.
3. Dispose of washings safely. Do not spray onto sensitive crop or land intended for cropping with sensitive crop.

Note:

Consult label tank cleanup procedures for all tank mix partners and be sure to use the most rigorous procedure recommended.

WARNING

EXTREME CARE SHOULD BE TAKEN TO AVOID DAMAGE BY DRIFT OF SPRAY ONTO BROAD-LEAVED PLANTS OUTSIDE THE TARGET AREA OR ONTO PONDS, WATERWAYS OR DITCHES. SPRAYING EQUIPMENT SHOULD NOT BE DRAINED OR FLUSHED ONTO LAND PLANTED WITH OR INTENDED FOR PLANTING WITH TREES OR CROPS OTHER THAN CEREALS.

NOTICE TO BUYER

All goods supplied by us are of a high grade and we believe them to be suitable for any purpose for which we expressly supply them, but as we cannot exercise control over their mixing or use, all conditions and warranties, statutory or otherwise, as to the quality or fitness for any purpose of our goods are excluded and no responsibility will be accepted by us for any damage or injury whatsoever arising from their storage, handling, application or use.

All manufacturers trademarks are duly acknowledged.

Safety Data Sheet

[insert text as appropriate]